

Algae MCQ Question Answer

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Question: 1. Cyanobacteria name has been given to

- Option A. Mycoplasma
- Option B. Myxophyceae
- Option C. Myxomycetes
- Option D. Schizomycetes

Question: 2. Parasitic alga is

- Option A. Cephaleuros
- Option B. Ulothrix
- Option C. Spirogyra
- Option D. Chlamydomonas

Question: 3. In Ulothrix, reduction division takes place at the time of

- Option A. germination of zygote
- Option B. formation of spores
- Option C. formation of gametes
- Option D. formation of zoospores

Question: 4. Agar-Agar is derived from

- Option A. fungi
- Option B. algae
- Option C. bryophytes
- Option D. gymnosperms

Question: 5. Spirogyra differs from moss-protonema in having

- Option A. pyrenoids
- Option B. branched filaments
- Option C. discoid chloroplasts
- Option D. rhizoidal branches

Question: 6. Asexual reproduction in Spirogyra

- Option A. takes place by zoospore formation
- Option B. has not been recorded
- Option C. takes place by hypnospore formation
- Option D. takes place by aplanospore formation

Question: 7. Simplest type of reproduction in plants is found in

- Option A. Ulothrix

- Option B. Nostoc
- Option C. Chlamydomonas
- Option D. Spirogyra

Question: 8. Which one of the following algae is a source of iodine ?

- Option A. Polysiphonia
- Option B. Laminaria
- Option C. Nostoc
- Option D. Diatoms

Question: 9. Pyrenoids are found in which of the following organs of Spirogyra:

- Option A. Nucleus
- Option B. Cytoplasm
- Option C. Chloroplast
- Option D. Cell wall

Question: 10. The blue-green algae belong to

- Option A. Eukaryota
- Option B. Prokaryota
- Option C. Myxomycetes
- Option D. None of these

Question: 11. The red alga devoid of red pigment is

- Option A. Gracilaria
- Option B. Batrachospermum
- Option C. Polysiphonia
- Option D. Laminaria

Question: 12. Ulothrix is found in

- Option A. hot sandy desert
- Option B. slow running water
- Option C. rocky places
- Option D. sea

Question: 13. Fucoxanthin is found in

- Option A. brown algae
- Option B. green algae
- Option C. red algae
- Option D. blue-green algae

Question: 14. Alga rich in protein is

- Option A. Ulothrix

- Option B. Chlorella
- Option C. Oscillatoria
- Option D. Spirogyra

Question: 15. Heterotrichous habit is shown by

- Option A. Chlamydomonas
- Option B. Oedogonium
- Option C. Stigeoclonium
- Option D. Ulothrix

Question: 16. The algae which help in the fixation of nitrogen belongs to class

- Option A. Rhodophyceae
- Option B. Cyanophyceae
- Option C. Chlorophyceae
- Option D. Phaeophyceae

Question: 17. The food reserve in blue green algae is

- Option A. cyanophycean starch
- Option B. globulin
- Option C. fats and oils
- Option D. cellulose

Question: 18. A motile reproductive unit is called

- Option A. Zygote
- Option B. Zoospore
- Option C. Aplanospore
- Option D. None of these

Question: 19. The food reserve is fat/oil in

- Option A. Xanthophyceae
- Option B. Phodophyceae
- Option C. Aplanospore
- Option D. None of these

Question: 20. The photosynthetic pigments of Chlamydomonas are located in

- Option A. gran a
- Option B. thylakoid
- Option C. stroma
- Option D. pyrenoid

Question: 21. Which of the following algae produces Palmella stage ?

- Option A. Chlamydomonas

- Option B. Cystopus
- Option C. Oedogonium
- Option D. Scytonema

Question: 22. Sexual fusion in Spirogyra is

- Option A. isogamous
- Option B. oogamous
- Option C. morphologically anisogamous
- Option D. physiologically anisogamous

Question: 23. Nannandrium of Oedogonium is a

- Option A. dwarf male
- Option B. normal male
- Option C. normal female
- Option D. dwarf female

Question: 24. Redness of red sea is due to

- Option A. Red colour present in the sea water
- Option B. Trichodesmium erythrium
- Option C. Red algae or Batrachospermum
- Option D. None of these

Question: 25. Which of the following produces non-motile gametes ?

- Option A. Cladophora
- Option B. Ulothrix
- Option C. Spirogyra
- Option D. Anabaena

Question: 26. Which of the following is a larvicidal alga?

- Option A. Chlorella
- Option B. Oscillatoria
- Option C. Chlamydomonas
- Option D. Spirogyra

Question: 27. Haematochrome is a :

- Option A. non-photosynthetic pigment found in algae
- Option B. photosynthetic pigment found in algae
- Option C. both (a) and (b)
- Option D. none of these

Question: 28. The red snow balls of alpine regions are due to the growth of

- Option A. Oscillatoria

- Option B. batrachospermum
- Option C. Sargassum
- Option D. Haemalococcus

Question: 29. Plants which are not differentiated roots, stems and leaves are grouped under

- Option A. Thallophytes
- Option B. Gymnosperms
- Option C. Pteridophytes
- Option D. Spermatophyte

Question: 30. Filaments of Ulothrix are

- Option A. branched
- Option B. unbranched
- Option C. brick-shaped
- Option D. girdle-shaped

Answer Sheet

1	B	
2	A	
3	A	
4	B	
5	A	
6	D	
7	C	
8	B	
9	C	
10	B	
11	B	
12	B	
13	A	
14	B	
15	C	
16	B	
17	A	
18	B	
19	A	
20	B	
21	C	
22	D	
23	C	
24	B	
25	C	
26	C	
27	A	
28	D	
29	A	
30	B	